Hikvision NVR 5.0
Intelligence & Convergence at the Forefront

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HIKVISION®

Unleash the power of NVR 5.0 with Hikvision

Hikvision's NVRs are keeping moving forward. NVR 3.0 fitted the basic video security management. When evolved to NVR 4.0, it focused on the AI function update. Now, Hikvision NVR 5.0 leads the innovative change from traditional NVR to AIoT NVR, opening a new era of AIoT.

5.0
AIoT NVR

4.0
Intelligent NVR

3.0
Conventional NVR

The AIoT NVR takes intelligent operations, protection, connections, and application functionality to new heights, offering users an innovative, smart, and seamless experience.

Intelligent Operation

Intelligent Protection

Intelligent Connection

Intelligent Application

Intelligent Operation
– Smooth UI Experience

Modular UI design, attractive UI experience

New UI design provides a more efficient and smoother user experience.
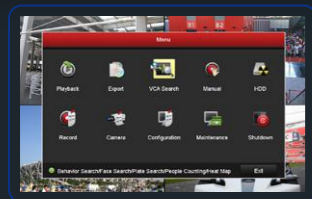
Refresh start-up animation

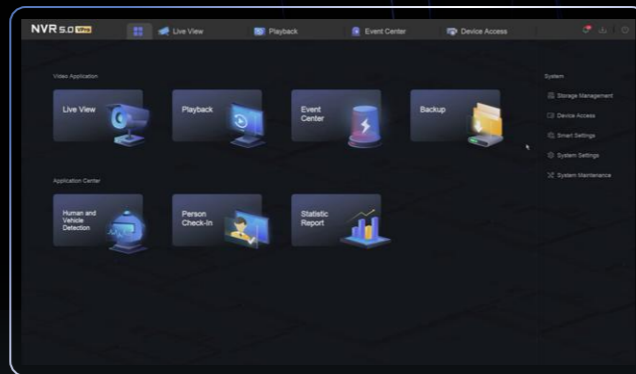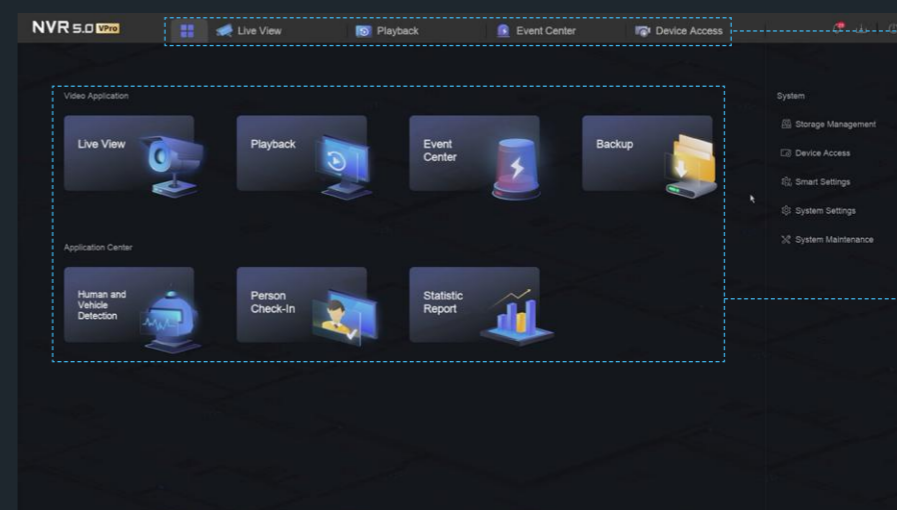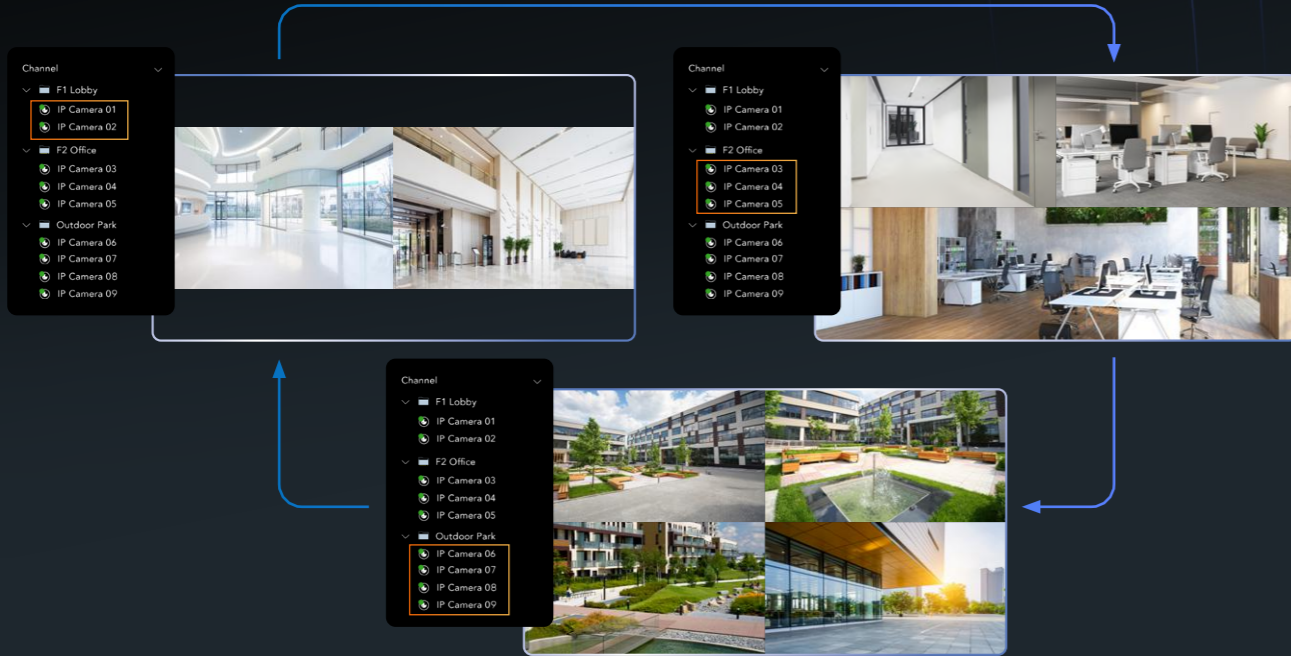**3D modeling icon design**

Colorful display

Browser-based navigation bar

Card menu layout

Intuitive live view

With customized views, live views can be more intuitive on one view layout and enable automatic switching to meet the needs of multi-screen timed switching.
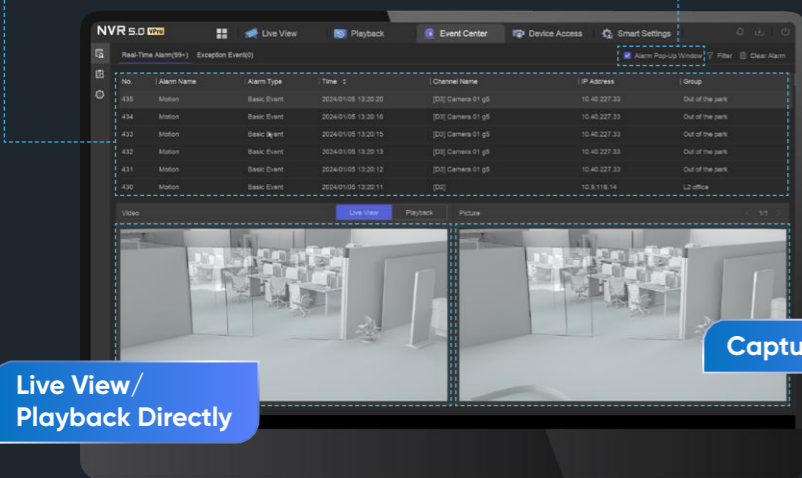

Visualized real-time alarm and response

The one-stop event center provides centralized and visual displays of alarm events, enabling security operators to respond swiftly and effectively.

Event Lists — A collection of multiple real-time alarm events

Alarm Pop-up
More noticeable for real-time events

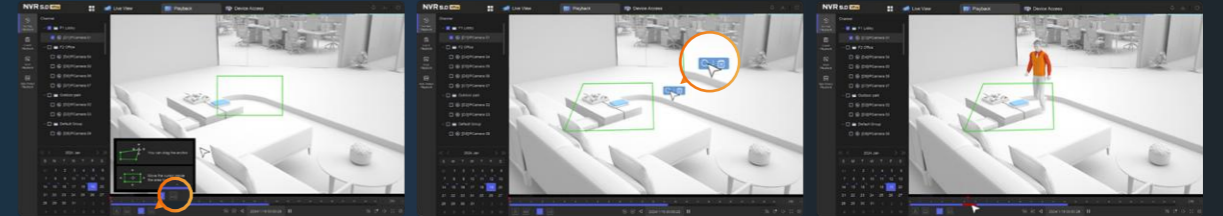**Live View/ Playback Directly**

Captured Picture

Key information at a glance

Intelligent Operation
– Smarter Video Searching

Smart Search

Users can draw rule boxes or intrusion lines at the location of the event to quickly filter and easily identify targets entering the area.
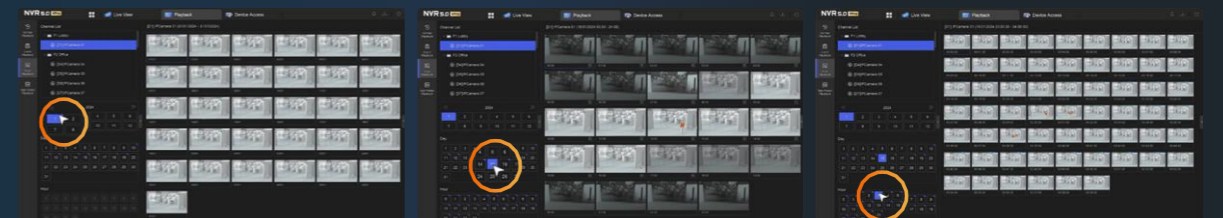

AcuSearch

Users can search specific targets of interest precisely with just one click, and then the related videos can be displayed, greatly improving the search efficiency.

Slice Playback

A video could be split into different clips by period. Users can intuitively find the snapshot segment they want to replay, further facilitating video retrieval.

Intelligent Protection
– Perimeter protection with self-learning

NVR 5.0 integrates automatic perimeter protection with self-learning by embedding an inference engine in the NVR (M-VPro Series), which greatly improves the accuracy of the algorithms and reduces the false alarms, while also requiring minimal user input.

IP Speaker

Network Device

Algorithm optimization

Sample collection

Self-Learning Analytics

Alarms

Accurate Alarms

Self-deployment

No manual intervention required

Reasoning and training in one

Automated algorithm iteration

Intelligent Connection

Multiple devices access

More and more devices can be directly accessed to the NVR, creating more possibilities for AIoT.

Network Camera

Access Control

IP Speaker

POS

Alarm Box

Network Device

IP access

NVR

Data storage and processing

Event Transmission on demands

Platform

Audio and video linkage for instant response

- Network cameras access & management
- Two-way audio
- Live broadcast
- Alarm linkage

NVR

Pickup

IPC PTZ IP Speaker

Intelligent Application

The NVR 5.0 integrates different functions and provides innovative converged subsystems for video, audio, alarm, access control, and other applications. Its innovative and versatile design enables the creation of intelligent applications for different scenarios and needs.

Entrance and exit management in single-lane scenarios

Exiting vehicle status

- Parking Duration
- Entering Time
- Exiting Time
- Vehicle Type

Vehicle record

- Status: entrance/exit
- Vehicle attributes
- Passing method: auto/manual
- Result: passed/not passed

Product Showcase

M-VPro Series

DS-7600NXI-M2(/XP)/VPro
DS-7700NXI-M4(/XP)/VPro
DS-9600NXI-M8(R)/VPro
DS-9600NXI-M16(R)/VPro

M Series

DS-7600NI-M2(/XP)
DS-7700NI-M4(/XP)
DS-9600NI-M8(/R)
DS-9600NI-M16(/R)

I series with AcuSense(E)

DS-7600NXI-I2(/XP)/S(E)
DS-7700NXI-I4(/XP)/S(E)